



**PRODUCT  
BULLETIN  
FOR CAT. NOS. 6667,  
6668, and 26666**

# Decora Slide Dimmers for Fluorescent Lighting Systems

**Designed for use with Philips Ecotron® and Advance Mark X® electronic dimming ballasts, as well as Philips Dimmable Earthlight® lamps.**

## **Definition:**

Leviton's new Decora slide dimmers are an integral part of a complete fluorescent dimming system for commercial facilities. Fluorescent lighting can be adjusted to the precise level required for meetings, audio/video presentations, computer work and other tasks. Fluorescent lighting systems with full range dimming capability are an energy-saving alternative to the incandescent dimming systems traditionally used in commercial facilities.

## **Applications:**

- |   |   |
|---|---|
| • Conference and meeting rooms          | • Boardrooms and executive offices            |
| • Hotel and convention center ballrooms | • Small offices                               |
| • Large public areas                    | • New construction and retrofit installations |

## **Features and Benefits:**

- Full-range slide dimmers for fluorescent lighting systems with electronic ballasts, an energy-saving alternative to incandescent dimming systems.
- Fast, easy connection to Ecotron and Advance Mark X electronic ballasts – extra circuit conductors not required in retrofit applications.
- Cat. Nos. 6667 and 26666 are 3-way slide dimmers with a separate, heavy-duty rocker that allows ON/OFF switching without disturbing preset brightness levels.
- Cat. No. 26666 3-way architectural-style slide dimmer is constructed with aluminum heat-dissipating fins, hidden by a snap-on Decora-style molded cover.
- Cat. No. 6668 single-pole slide dimmer is dual rated for use with electronic ballasts and the Philips Dimmable Earthlight, a versatile Compact Fluorescent Lamp used to replace medium base incandescent lamps.
- Smooth-action, integrated linear slide control switch for easy, precise operation.

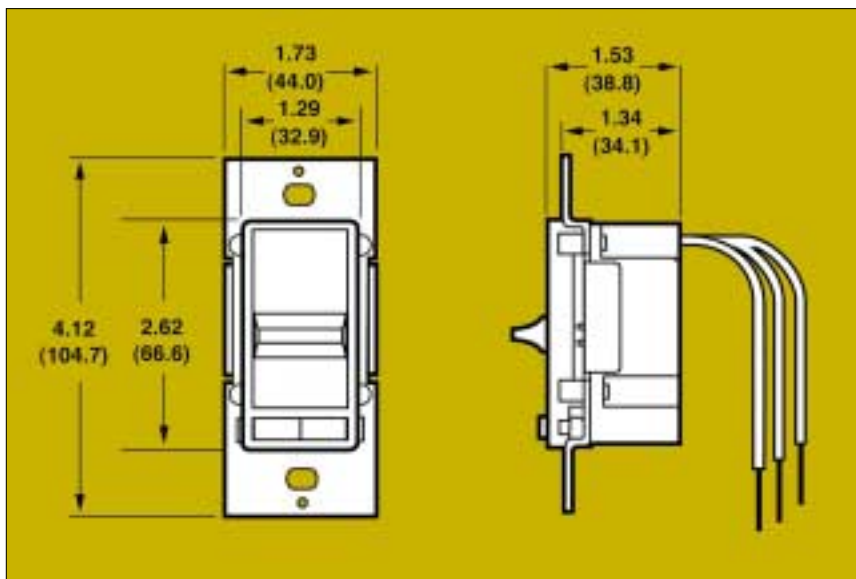


- Built-in RF filter helps eliminates interference with sensitive electronic equipment.
- Sophisticated Decora styling complements any interior and coordinates with Leviton's entire line of popular Decora wiring devices.
- Backed by Leviton's Two-Year Limited Warranty

## **Agency Standards:**

- UL Listed (File # E-31373)
- CSA Certified (File # LR-53413)

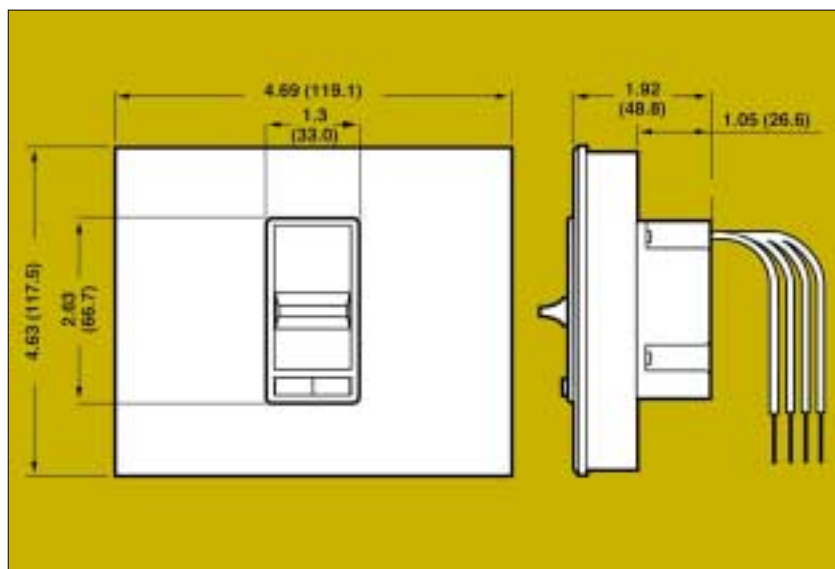
## Dimensional Diagrams:



◀ Cat. Nos. 6667, 6668

Note: Cat. No. 6668 does not have a Preset ON/OFF Switch

Cat. No. 26666 ▶



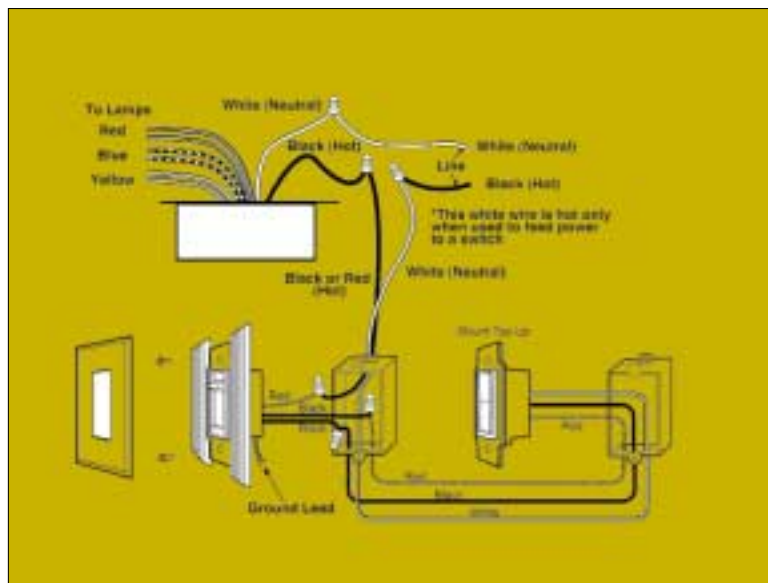
### Leviton Fluorescent Dimmers for use with Philips Ecotron and Advance MarkX Electronic Ballasts\*

Leviton Cat. No.	Rating	Description
26666-31W	1200W - 120VAC, 60Hz	3-Way Architectural Slide Dimmer with Preset On/Off Switch. Color: White.
26666-37W	1200W - 277VAC, 60Hz	3-Way Architectural Slide Dimmer with Preset On/Off Switch. Color: White.
6667-31W	500W - 120VAC, 60Hz	3-Way Slide Dimmer with Preset On/Off Switch. Color: White.
6667-37W	500W - 277VAC, 60Hz	3-Way Slide Dimmer with Preset On/Off Switch. Color: White.
6668-1W	500W - 120VAC 60Hz with electronic ballasts: 350W Max. - 120VAC 60Hz with Philips Dimmable Earthlight	*Single-Pole Slide Dimmer, dual rated for use electronic ballasts and Philips Dimmable Earthlite lamps. Color: White, also available in Ivory (-11).

### Fluorescent Dimmer/Ballast Compatibility Leviton Cat. No 26666-31W 1200W-120VAC

Philips Ecotron™ Part No.	Advance Mark X™ Part No.	Lamps	Max. # Ballasts/Dimmer		Min. # Ballasts/Dimmer
			Single-Gang Dimmer	Double-Ganged Dimmer	
ECD-120-2/26T	REZ-2Q26	(2) PLC 26 W	21	18	4
ECD-120-1/32T	REZ-132	(1) T8/32 W	34	30	6
ECD-120-2/32T	REZ-2S32	(2) T8/32 W	16	15	3
ECD-120-3/32T	REZ-3S32	(3) T8/32 W	11	10	2
ECD-120-1T32	REZ-1T32	(1) PLT 32-26 W	31	27	6
ECD-120-1T42	REZ-1T32	(1) PLT 42 W	24	21	5

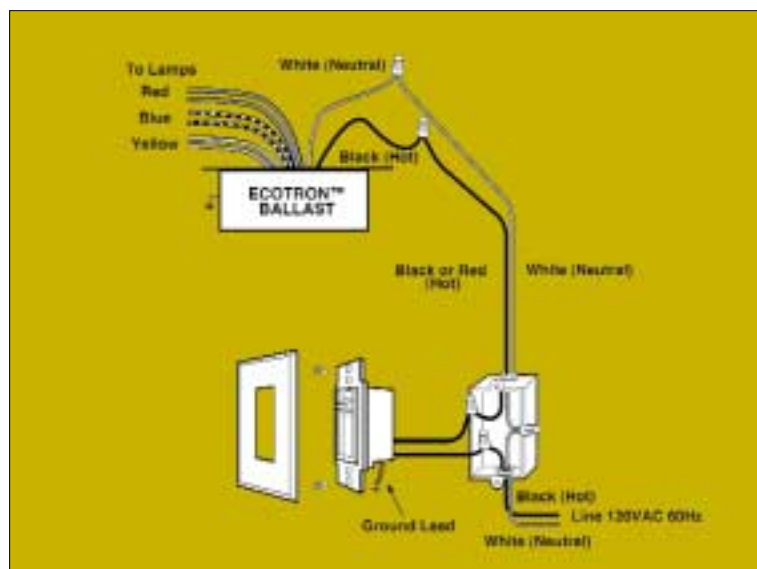
## Wiring Diagrams:



### ◀ 3-Way Installation - Cat. No. 26666

Note: Cat. No. 6667 is wired exactly as shown here but it is not an architectural-style dimmer.

### Cat. No. 6668-1 ▶ Single-Pole Dimmer



### Fluorescent Dimmer/Ballast Compatibility Leviton Cat. No. 26666-37W 1200W-277VAC

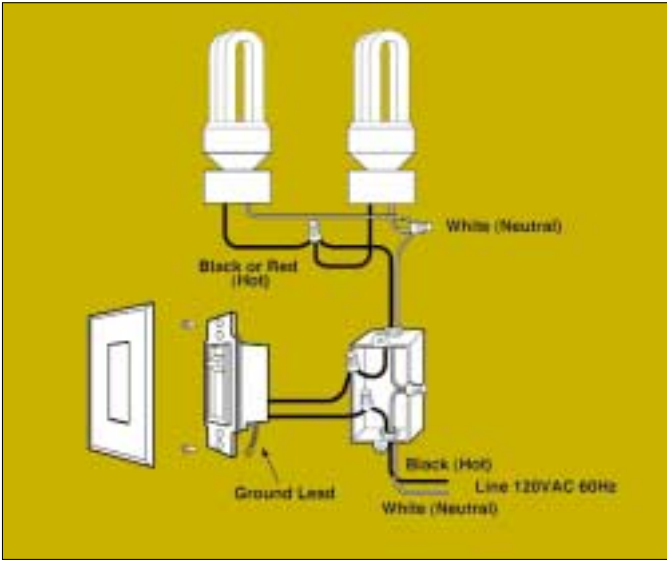
Philips Ecotron™ Part No.	Advance Mark X™ Part No.	Lamps	Max. # Ballasts/Dimmer		Min. # Ballasts/Dimmer
			Single-Gang Dimmer	Double-Ganged Dimmer	
ECD-277-2/26T	VEZ-2Q26	(2) PLC 26 W	21	21	4
ECD-277-1/32T	VEZ-132	(1) T8/32 W	34	34	6
ECD-277-2/32T	VEZ-2S32	(2) T8/32 W	16	16	3
ECD-277-3/32T	VEZ-3S32	(3) T8/32 W	11	11	2
ECD-277-1T32	VEZ-1T32	(1) PLT 32-26 W	31	31	6
ECD-277-1T42	VEZ-1T32	(1) PLT 42 W	24	24	5

### Fluorescent Dimmer/Ballast Compatibility Leviton Cat. Nos. 6667-31W and 6668-1W 500W-120VAC

Philips Ecotron™ Part No.	Advance Mark X™ Part No.	Lamps	Max. # Ballasts/Dimmer	
			Single-Gang Dimmer	Double-Ganged Dimmer
ECD-120-2/26T	REZ-2Q26	(2) PLC 26 W	8	6
ECD-120-1/32T	REZ-132	(1) T8/32 W	14	11
ECD-120-2/32T	REZ-2S32	(2) T8/32 W	7	5
ECD-120-3/32T	REZ-3S32	(3) T8/32 W	4	3
ECD-120-1T32	REZ-1T32	(1) PLT 32-26 W	13	10
ECD-120-1T42	REZ-1T32	(1) PLT 42 W	10	8

Wiring Diagrams (cont'd.)

Cat. No. 6668-1 ►  
Single-Pole Dimmer with  
Philips Earthlight lamps



Fluorescent Dimmer/Ballast Compatibility  
Leviton Cat. No. 6667-37W 500W-277VAC

Philips Ecotron™ Part No.	Advance Mark X™ Part No.	Lamps	Max. # Ballasts/Dimmer	
			Single-Gang Dimmer	Double-Ganged Dimmer
ECD-277-2/26T	VEZ-2Q26	(2) PLC 26 W	8	8
ECD-277-1/32T	VEZ-132	(1) T8/32 W	14	14
ECD-277-2/32T	VEZ-2S32	(2) T8/32 W	7	7
ECD-277-3/32T	VEZ-3S32	(3) T8/32 W	4	4
ECD-277-1T32	VEZ-1T32	(1) PLT 32-26 W	13	13
ECD-277-1T42	VEZ-1T32	(1) PLT 42 W	10	10

Leviton Cat. No. 6668-1W Rating for  
Philips Earthlight Lamps 350W Max. -120VAC

Earthlight Model No.	Max. # Lamps/Dimmer Single-Gang Dimmer	Max. # Gang/Dimmer
SLS/D 23W	15	12
SLS/D 20W	17	14
SLS/D 15W	20	16



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